



STATEMENT OF WORK

CONCOURSE ENTRANCE DOORS REPLACEMENT

December 30, 2015

1. BACKGROUND

The U.S. Embassy has a requirement to replace three external entrance doors with new automatic sliding doors with a break-out function. The location of the work site: Moscow, Bolshoy Devyatinskiy Pereulok 8.

The existing doors are installed at the entrances to the Embassy compound's concourse. The doors are swinging type doors installed in the structural opening with brick walls. The contractor shall visit the work site at a time designated by the Contracting Officer and inspect the work area in order to understand the existing conditions and work requirements.

2. GENERAL REQUIREMENTS

2.1. The Contractor shall complete all work, including furnishing all labor, material, equipment and services, unless otherwise specified herein, required under this contract.

2.2. All work and procedures shall be performed in conformity with the specifications and work requirements herein. All local and US work safety and health norms and standards apply to this contract.

2.3. All specifications and requirements are written in the statement of work and cannot be changed without the approval of the CO.

2.4. The Embassy reserves the right to inspect and test all the work under this contract at any time. If any of the work does not conform to the contract requirements and specifications, the Embassy may require the Contractor to perform the services again at no additional cost to the Embassy.

2.5. The Contractor shall provide submittals on each material to be used on the contract for approval.

2.6. The Contractor shall submit a work schedule, setting forth date, time, contents of work, personnel and time line to completion for approval by the COR.

3. WORK DESCRIPTION

The Contractor shall perform the following work:

3.1. Remove three existing external swinging doors with corresponding vision panels, frames, floor-concealed door closers. Remove the doors and debris from the Embassy territory. Prepare the structural openings for new doors installation.

3.2. Fabricate, deliver and install in place of the old doors three new external automatic break-out sliding door systems according to the following general requirements:

- Each door system shall consist of one automatic break-out bi-parting sliding door, two fixed sidelights and one overlight, with aluminum frames. The doors dimensions and finish are specified in the attached drawings. The doors' supply voltage is 230 V, 50 Hz, the power supply line to each door will be provided by the Embassy.

- The doors, sidelights and overlights must have double glazing and high-performance seals in order to effectively protect the interior against heat loss and weather elements. All mechanical joints must be sealed. All glazing must be made of tempered glass no less than 5 mm thick, laminated to meet the requirements of safety class A3 according to GOST P 51136-98 standard.
- All three doors must be equipped with break-out function, which must allow the door leafs to be manually opened outwards by applying pressure against them, to ensure fast escape from the building in case of emergency evacuation.
- The doors design must be suitable for high-traffic entrances. The door operator must have microprocessor controls, estimated life time of no less than 1000000 door cycles, and have fail-safe design with a rechargeable battery pack.
- The doors must be equipped with motion detectors and optical presence detection system. The activation and presence detection system of the doors must ensure safety of users by detecting people or objects in the doorway and preventing the door from closing until it is safe to do so. The radar motion detectors must have adjustable activation range within at least 1.0 – 1.5 meters from the door, low transmitting power, not to exceed 4 mW, and be free from interference from mobile phones. The door controls must allow for adjustment of the door's opening and closing speed and force. The doors must have safety features such as monitoring of the closing force, automatic reversing, closing edge protection. The design of the doors must comply with the EN 16005 standard.

The contractor shall prepare shop drawings for the doors installation and submit them for CO's approval prior to fabrication.

3.3. Patch floor, external pavement, ceiling, and walls as necessary after the installation.

4. UTILITIES

The Embassy provides to the Contractor cold water and 220V one phase electrical power at the work site. Electrical power and water will be provided at no cost to the Contractor during the work period. Both shall be utilized solely for the contracted work.

5. CLEANUP OF WORK SITE

All debris produced during the work must be removed from work site by the Contractor on a daily basis. The contractor shall perform a final clean-up of the work site upon completion of the work.

6. SAFETY

6.1. The contractor is responsible for taking all necessary safety measures including installation of protective screens, safety barriers, redirecting the pedestrian traffic during the work performance.

6.2. The contractor assumes absolute responsibility and liability for any and all personal injuries or death and/or property damage or losses suffered due to negligence of the contractor's personnel in the performance of the services required under this contract. The contractor's assumption of absolute liability is independent of any insurance policies.

6.3. The Contractor shall provide employees with and require the use of safety equipment, personal protective equipment and devices necessary to protect the employee.

6.4. The Contractor shall immediately report each accident to the Contracting Officer's Representative.

7. DELIVERABLE SCHEDULE

- 7.1. No work on site shall be commenced without the CO approval.
- 7.2. During the doors installation the Contractor will be allowed to work on one door at a time.
- 7.3. The Contractor will be allowed to work five day weeks, from 8:00 to 18:00.

8. CONTRACTOR PERSONNEL

8.1 The contractor shall insure that all personnel employed in the performance of the contract are qualified and possess the necessary licenses required in their respective trades.

8.2 The contractor shall provide the following information about the personnel, including drivers, and vehicles who will be working on the Embassy territory, for a security office check:

- full name and readable copy of passport for all tradesmen and supervisors;
- make, model and license plate number for all trucks and vehicles.

This information must be provided before the contractor will be allowed access onto the Embassy grounds to perform any work.

8.3 The embassy shall supply any cleared escorts should they be required.

9. ATTACHMENTS

Doors plans and elevations.

END OF STATEMENT OF WORK